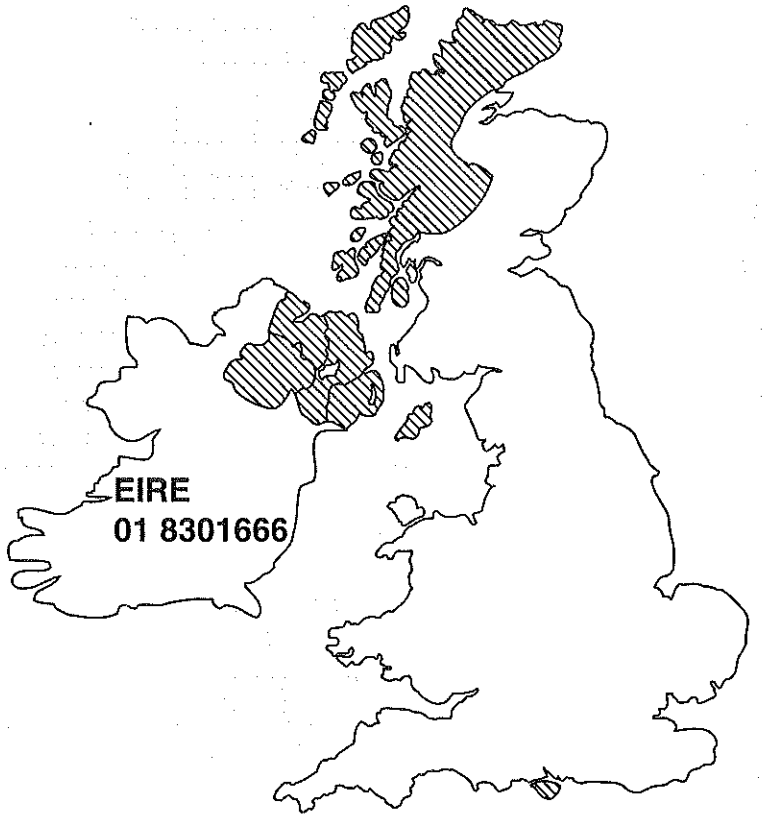
## HOOVER SERVICE

FOR YOUR **LOCAL** ENGINEER PLEASE CALL OUR NATIONAL NUMBER

# 0990-400600




Areas covered by HOOVER SERVICE DEALERS
Also Channel Islands, Scilly Isles, Orkney, Shetlands
See local telephone directory

***Printed on 'Chlorine Free' paper.***

Hoover policy is one of continuous development and for this reason we reserve the right to change specifications without prior notice

**HOOVER LIMITED DRAGONPARC ABERCANAID MERTHYR TYDFIL MID-GLAMORGAN CF48 1PQ**

**56537-070/3** **© 1992** **® REGISTERED TRADE MARK**

USERS MANUAL

# HOOVER®

*new wave*

**AUTO~WASHER 1100 AC170, AC172**
**AUTO~WASHER 1200 AC174, AC176**
**AUTO~WASHER 1300 AC178, AC180**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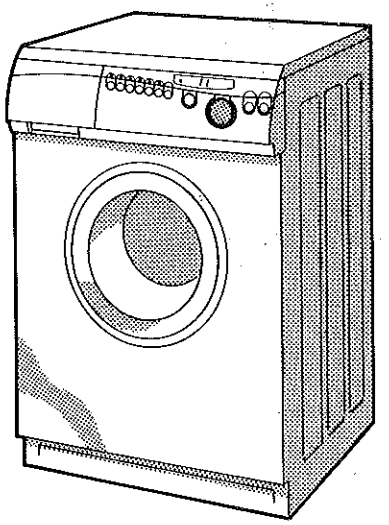


## PLEASE READ THESE INSTRUCTIONS THOROUGHLY

This appliance must be operated in accordance with the instructions given in this manual. It is for domestic use only in washing, rinsing and spin drying of household textiles and garments.

# Safety reminders

**User's manual**. This machine should only be used for its intended purpose as described in this manual. Ensure that it is fully understood before operating.

**Machine vibration.** Do not store items on the worktop of this machine, as minor machine vibration may dislodge them.

**A door interlock** is fitted for safety. It prevents the door being opened when there is water in the drum or if the drum is turning. If the door will not open do not try to force it.

**Garments treated with flammable cleaning sprays** or liquids, such as petrol, must not be put in this machine.

**Drum damage.** As with all washing machines, coins or similar small metal objects can damage the drum. Hoover will not accept responsibility for damage caused by such items.

**Heavy items** such as bath mats, cotton sheets and towels should not be washed on their own. Always wash them as part of a well balanced load.

**Lighters and matches** must not be left in pockets and NEVER use flammable liquids near the machine.

**Spin sensor**. This machine is fitted with a 'Spin Sensor', it stops the machine spin drying heavy unbalanced loads.

**Glass fibre curtains** should never be put in this machine. Skin irritation may occur if other garments are contaminated with the glass fibres.

**Faults.** Do not continue to use this machine if it appears to be faulty.

**After use.** Turn off the water supplies and remove the plug from the electricity supply. Always remove the plug before cleaning the appliance or attempting any maintenance task.

**Supply cord.** If the supply cord on this appliance is damaged, it must be replaced by a special cord which is only available from your local Hoover Service Office or an authorised Hoover Dealer.

**Hoover Service.** To ensure the continued safe and efficient operation of this appliance we recommend that annual maintenance and any servicing or repairs are carried out only by an authorised Hoover Service Engineer.





## Genuine HOOVER spares

Always replace parts with genuine HOOVER spares. These are available from your local Hoover dealer or direct from Hoover. When ordering parts always quote your model number.

## HOOVER Service

Should you require service at any time please call your local HOOVER Service Office listed on the back page of this book.

Hoover have a computerised nationwide service network of over 500 engineers who will respond quickly to your call and guarantee your repair for 12 months.

## Hoovercare

To maintain your HOOVER product in peak condition you may also wish to take out a Hoovercare policy, which for an annual payment provides a comprehensive maintenance and repair scheme.

For further information telephone your local HOOVER Service Office listed overleaf.

## Free 5 Years Parts (UK & Eire only)

In the first year Hoover will replace and fit any defective parts free of charge for the part and labour. In Years 2-5 defective parts will be supplied free only if fitted in UK and Eire by Hoover and our standard call out and labour charges paid.

# YOUR GUARANTEE

Hoover guarantees all parts of this product for 5 years from the date of purchase. During that time HOOVER engineers will replace or repair all defective parts free of charge, except for parts subject to fair wear and tear such as belts.

The engineers labour costs are chargeable after the first 12 months.

To qualify for benefits under the guarantee, you must be able to provide proof of date of purchase and the appliance must have been supplied, installed and used in accordance with Hoover instructions. Consequential losses and accidental damage to the product are not covered by the guarantee.

If you have any trouble with your HOOVER product simply telephone your nearest HOOVER Service Office.

This guarantee does not affect your statutory or common law rights.

Hoover cannot be responsible for the results of using this machine for any purposes other than those described in these instructions.

**This appliance conforms to the requirements of EEC radio interference directive 87/308.**

# Power failure

If there is a power cut the operation of the machine will be interrupted, the selected wash program and any functions will be lost.

When power is restored, the wash program and functions must be selected again and the machine re-started to complete the program correctly.

The load may be removed from the machine when power is restored by selecting program 9 (SLOW SPIN) and allowing the cycle to complete. Press the door open button and remove the load.

If you need to remove the load during a power cut proceed as follows:

If there is no water in the drum, simply press the door open button and remove the load.

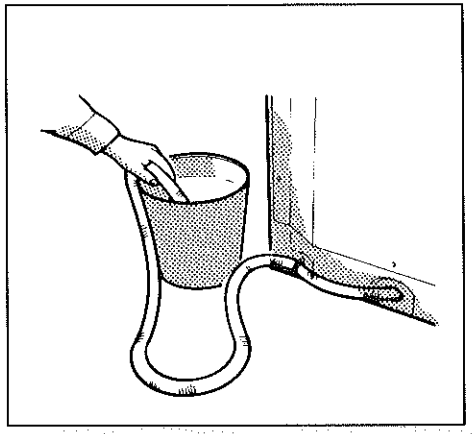
However, if there is any water in the drum the door **CANNOT** be opened. You must follow the Emergency door opening procedure.

**DO NOT** attempt to force open the door.

## Emergency door opening

1. Switch off and remove the plug from the electricity supply.

2. Pull out the machine so that the back is accessible.



3. Unclip the drain hose from the back panel and lower the end into a bucket.

   The water will drain out.

   **WARNING!**
   **THE WATER MAY BE VERY HOT**

   When the bucket becomes full raise the end of the drain hose above the top of the machine.

   This will stop the flow of water and enable the bucket to be emptied.

   Repeat the procedure until the machine is empty.

4. Clip the hose to the back of the machine.

5. Press the door open button and remove the load.



# Quick reference

1. Sort laundry according to wash care labels.
2. Put correct weight of laundry in machine (as shown in the 'Programs' section of this book) and close door.
3. Add detergent and fabric conditioner.
4. Turn on water supplies.
5. Plug in and switch on electricity supply.
6. Press the **ON/OFF** button - the display will show 0.
7. Select wash program - display shows program number.
8. Press function buttons, if required.
9. Set **DELAY START** if required.
10. Press **START** button.
11. When program ends, press and release **ON/OFF** button.
12. Open door and remove load.
13. Switch off and unplug.
14. Turn off water supplies.

**Special note: The amount of water used by these machines is automatically adjusted according to the size of the wash load, there is, therefore, no need for a separate Half Load function.**

# Quality, Safety & Environment

As the owner of a new Hoover product we would like to tell you more about the high standards we have set in Quality, Safety and the Environment.

## Quality

**BSI** **BS.5750**

Hoover's UK factories have been independently assessed for quality assurance by the British Standards Institution (BSI), and having met the requirements are now listed in the BSI Register of Firms of Assessed Capability.

This means that our products are made using a quality system which meets the requirements of BS.5750 "Quality Systems". Regular audits by BSI ensure this high quality manufacturing system is maintained.

## Safety

Although safety certification of electrical appliances is not required by law in the UK, Hoover believe that independent approval is the best way of demonstrating safety in design and manufacture.

The British Electrotechnical Approvals Board (BEAB), the independent UK national authority for the safety of domestic electrical appliances, ensure that European Safety Standards are met and are maintained throughout the production life of an appliance.

All appliances which gain this approval are permitted to carry the BEAB mark of safety:

**BEAB Approved**

## Environment

Hoover has made a long term commitment, in all it's activities, to safeguarding the environment. Our environmental policy can be simply stated:

***"To adopt the best practicable environmental methods in the design, production, packaging, use and disposal of its products, whilst continuing to improve their benefits to the consumer."***

The majority of materials in this appliance are recyclable. Please use the best available disposal method to take advantage of this feature.

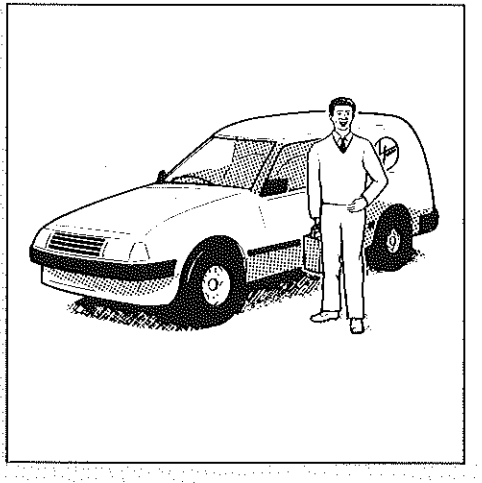


# Calling for service

A charge will be made if the machine is found to be in working order ***or*** has not been installed in accordance with the installation instructions ***or*** has been used incorrectly.

Before calling a Hoover Service Engineer run through the following checklist.

1. Has all the transit packing been removed?
2. Is there a working electricity supply to the machine? Check using another appliance such as a table lamp.
3. Has the machine been correctly levelled using the adjustable feet? This will reduce vibration.
4. Are the water supplies turned on?
5. Are the water inlet filters clean?
6. Has the machine been plumbed-in correctly? Check for any leaks.
7. Are the drain hose or fill hoses kinked?
8. Is the door fully closed?
9. Has the program been set correctly?
10. Has the machine paused at the 'Creaseguard' stage?



11. Has the drum stopped rotating for static heating of the water?
12. Have you checked that there is no water in the drum and it has stopped turning before trying to open the door?
13. Has there been a power cut during the program (display reads '0' and machine full of water)?
    Refer to 'Power failure' section in this book.

If there is any doubt, call your local Hoover Service Office for advice, they may be able to assist you over the telephone.

# Cleaning the machine

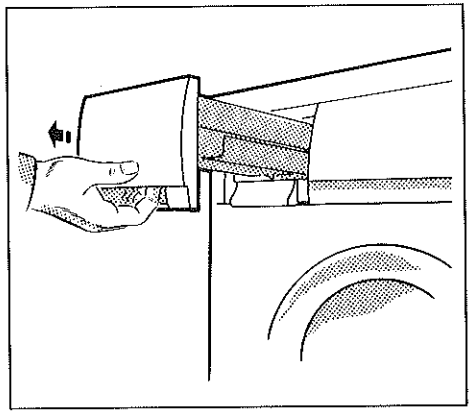
**IMPORTANT: Always switch off and remove the plug from the electricity supply before cleaning this appliance.**

Wipe the inside of the drum, window and the folds in the door gasket. Leave the door open to dry.

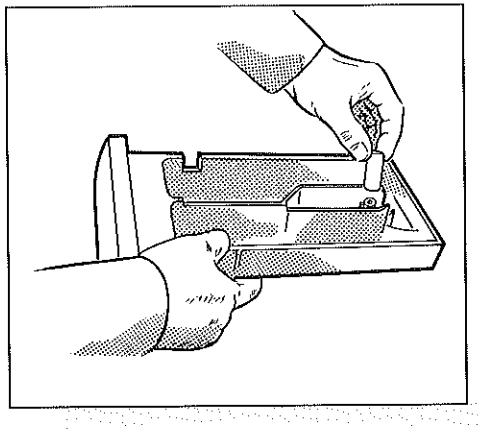
Wipe the cabinet and the glass window with a soft cloth.

**DO NOT** use abrasive pads or cleaning agents.

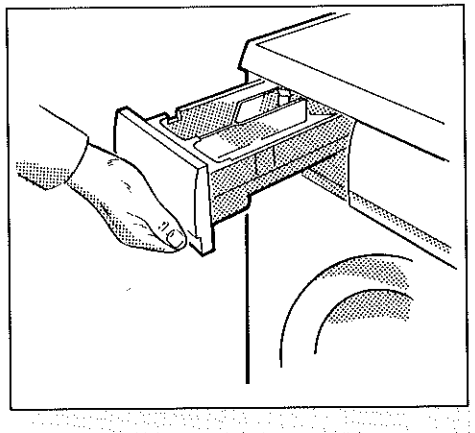
## Soap drawer - removal and cleaning



1. Pull out drawer as far as possible.
2. Gently but firmly pull out and remove the complete drawer.



3. Pull off siphon tube cover from fabric conditioner compartment.
4. Wash the drawer and siphon tube cover under warm running water.
5. Clean the guides and drawer housing.
6. Re-fit the siphon tube cover.
7. Re-position the drawer on its runners and slide in.





# Soap drawer

This washing machine has been designed to take the maximum advantage of technical innovations. These will give you lower electrical running costs, lower water usage and lower detergent quantity requirements than conventional machines.

All this has been achieved whilst maintaining, and in some instances further improving, wash performance.

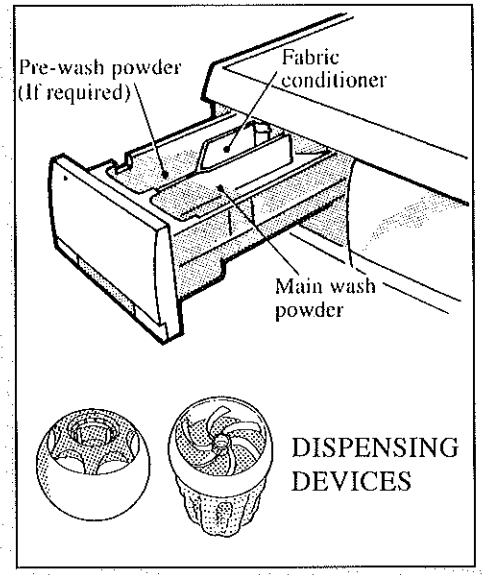
**IMPORTANT: DO NOT upset the balance of this system by overdosing with detergent. Overdosing can lead to excessive foaming along with loss of performance and waste of money on detergent.**

The recommended amounts shown on the detergent pack are for full loads in large machines - these can be significantly reduced for smaller machines and lesser loads, particularly in soft water supply areas.

**Hoover recommend:**

**Ariel Ultra, Ariel Liquid, Bold 3, Ariel Automatic, Fairy Automatic and Fairy Automatic Liquid for washing.**

**Lenor fabric conditioner for rinsing.**




Recommendations for this machine are:

| DETERGENT | Full Load<br>Hard Water/ Soft Water | Half Load<br>Hard Water/ Soft Water | Small Loads<br>Hard Water/ Soft Water |
|---|---|---|---|
| Powder | 150/100 grams | 120/80 grams | 80/40 grams |
| Conc. Powder | 100/80ml | 80/60ml | 50/30ml |
| Liquid | 120/100ml | 95/80ml | 70/60ml |
| Conc. Liquid | 80/60ml | 65/50ml | 45/35ml |

These doses are for normally soiled wash loads.
For powders 1 cup = 150 grams.
For concentrated powders and liquids the milli-litre (ml) measurements are usually shown on the scoop or container provided with the product.
As a guide, 1 level tablespoonful = 16ml.
**Concentrated powders and liquids should be put into the dispensing devices supplied by the manufacturers, NOT in the soap drawer.**

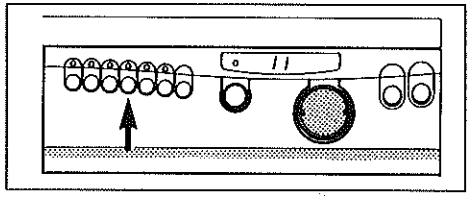
# Function buttons

Standard programs can be adapted to suit your particular needs by pressing one or more of the function buttons.

The 'Programs' section in this book shows which functions are available to each program.

The functions are automatically cancelled at the end of each program.

## Spin Delay (not New Wave 1100)



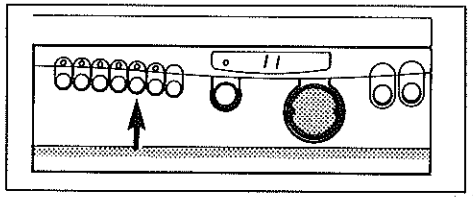
Press this button to suppress the spin action and hold the program during the rinse stage.

To continue the program, including spin action, press the **START** button.

Particularly useful when using the Delay Start facility to do the washing overnight.

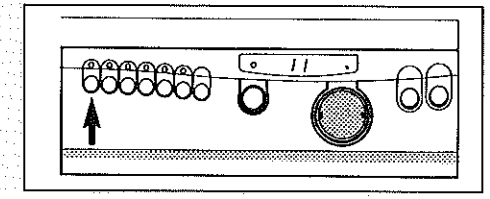
This function cannot be used with the Delicates or Woollens programs.

## Speed Wash (New Wave 1300 only)



For lightly soiled articles using low temperature detergents. Decreases wash time by 5, 15 or 20 minutes depending on program and reduces program from three rinses to two, saving 18 litres of water.

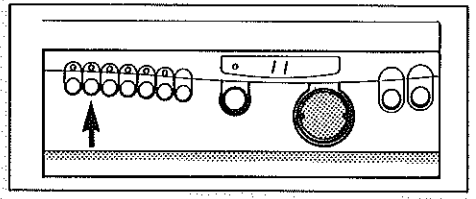
## Prewash



Press this button to include a 30° prewash at the start of the selected wash program, for extremely dirty loads. This will use up to 6.5 litres additional water and 0.2kWh (0.5kWh for Whites) more electricity than the standard program.

This function cannot be used with the Woollens or Cool Wash programs.

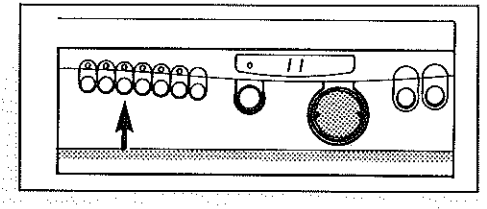
## Economy



Press this button to reduce wash temperature saving 0.27kWh electricity when using the new low temperature detergents.

The wash time is increased by up to 15 minutes depending on program.

## Extra Rinse



Press this button to include a fourth rinse. This uses up to 18 litres more water and adds up to 12 minutes to the wash program.



# Programs

| Select program 10<br>Soap drawer I II | FAST SPIN | |
|---|---|---|
| | Separate spin dry program for any 'Hand-wash' articles which need a fast spin. | |
| | **Optional functions:**<br>None | **Maximum wash load:**<br>4.5kg (10lb) |
| | # Energy usage: 0.04 kWh<br>No water used | **Spin time:**<br>approximately 7 minutes |

| Select program 11<br>Soap drawer I II | QUICK WASH | |
|---|---|---|
| | Suitable for most lightly soiled articles, but NOT Delicates. | |
| | **Optional functions:**<br>Extra Rinse<br>Speed Wash | **Maximum wash load:**<br>2.1kg (4.5lb) |
| | # Energy usage: 0.15 kWh<br>Water usage: 41 litres | **Wash time:**<br>approximately 35 minutes<br>Program includes 800rpm spin. |

| Select program 12<br>Soap drawer I II | CONDITION RINSE | |
|---|---|---|
| | A three rinse program to which fabric conditioner may be added, followed by a fast spin. | |
| | **Optional functions:**<br>Extra Rinse | **Maximum wash load:**<br>up to 4.5kg (10lb) |
| | # Energy usage: 0.1 kWh<br>Water usage: 59 litres | **Wash time:**<br>approximately 40 minutes<br>Program includes a fast spin. |

# Programs

| | WOOLLENS | |
|---|---|---|
| 40 | Machine washable wool only.<br>Wool mixtures with cotton or viscose | |
| Select program 7 | Optional functions:<br>Extra Rinse<br>Speed Wash | Maximum wash load:<br>2kg (4lb) |
| Soap drawer I II | # Energy usage: 0.42 kWh<br>Water usage: 53 litres | Wash time:<br>approximately 45 minutes<br>Program includes 800rpm spin. |

| | COOL WASH (incorporates Creaseguard ) | |
|---|---|---|
| 30 | Delicates fabrics not colour-fast at 40°C. | |
| Select program 8 | Optional functions:<br>Extra Rinse<br>Speed Wash | Maximum wash load:<br>2.1kg (4.5lb) |
| Soap drawer I II | # Energy usage: 0.19kWh<br>Water usage: 50 litres | Wash time:<br>approximately 35 minutes<br>Program includes 500rpm spin. |

| | SLOW SPIN (500RPM) | |
|---|---|---|
| | Separate spin dry program for any 'Hand-wash' articles which need a slow spin. | |
| Select program 9 | Optional functions:<br>None | Maximum wash load:<br>2.1kg (4.5lb) |
| Soap drawer I II | # Energy usage: 0.01 kWh<br>No water used | Spin time:<br>approximately 3 minutes |



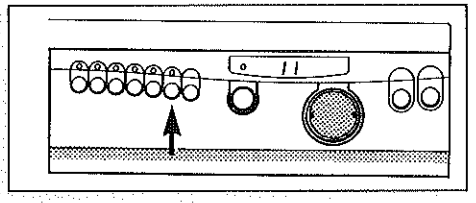
# Creaseguard

'Creaseguard' helps to minimise the creasing of fabrics.

It is incorporated in these programs:

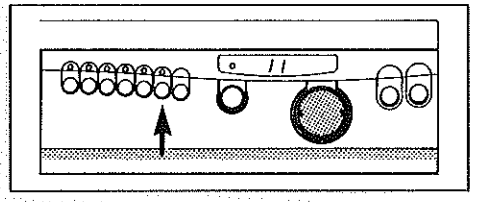
White Nylon
Minimum Iron
Delicates
Cool Wash

The machine will stop full of water, holding the program in the final rinse until you are ready to spin dry.



The **START** indicator will flash to show that the program is at the Creaseguard stage.

**DO NOT** attempt to open the door.

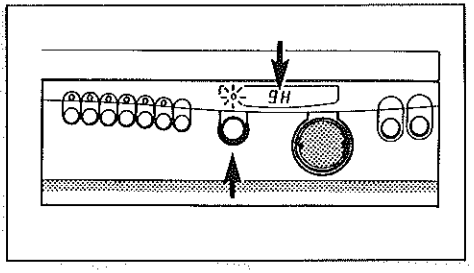


Press the **START** button to complete the program.

The indicator will stay lit and the machine will complete the rinse and then spin dry (at 500rpm).

# Delay Start

This machine can be set to start the wash up to 9 hours after the program is set allowing you to do the washing at your convenience.




**To set the delay,** press and hold the button until the required delay (in hours) appears on the display.

The indicator flashes, once **START** button is pressed.

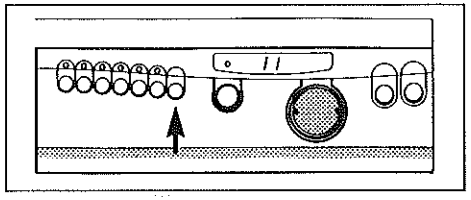
As each hour passes the machine will automatically count down and the number on the display will decrease.

When the figure gets to '0' the indicator will stop flashing and remain on. The wash will begin.

If there is an interruption to the electricity supply the time delay and selected wash program and functions will be lost. The program and functions will have to be re-set when the power is restored.

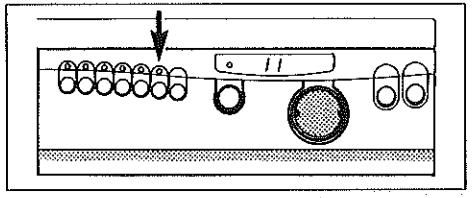
### To cancel a program

If a program is wrong use the **CANCEL** button:



1. If pressed before the **START** button, the selected program and functions (including Delay Start) are cancelled.

2. If pressed (for 1 second) during a running program the program is immediately stopped and any water in the drum is pumped out.



The **START** indicator will go off.

The program and functions (including Delay Start) are cancelled.

## 1 Sort the laundry

Sort articles into groups according to the wash care labels.

Remove everything from the pockets and folds of clothes.

Close all zips.

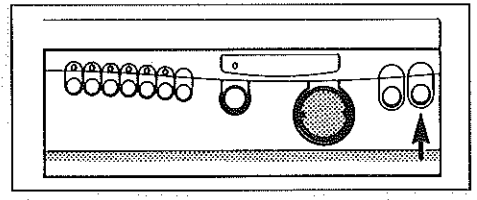
Shake out items as much as possible instead of leaving them crumpled.

## 2 Choose the program

Choose the program from the Program Guide on the machine or the 'Programs' section in this manual as shown by the wash care labels on the garments.

For mixed loads select the program which corresponds to the lowest wash temperature and least vigorous wash and spin action.

## 3 Load the machine



Press button to open the door.

Put the laundry into the machine.

Refer to the 'Programs' section and do not put into the machine more than the maximum recommended wash load.

Close the door ensuring that it latches correctly.





| | | |
|---|---|---|
| 50 | **MINIMUM IRON (incorporates Creaseguard)** | |
| Select program 4 | Coloured nylon, polyester cotton and viscose articles with special finishes; acrylic/cotton mixtures, polyester cottons. | |
| Soap drawer I II | **Optional functions:** Prewash, Extra Rinse, Economy, Speed Wash, Spin Delay | **Maximum wash load:** 2.1kg (4.5lb) |
| | # Energy usage: 0.45 kWh Water usage: 50 litres | **Wash time:** approximately 1 hour 5 mins. Program includes 500rpm spin. |

| | | |
|---|---|---|
| 40 | **NON-FAST COLOUREDS** | |
| Select program 5 | Cotton, linen or viscose (rayon) articles which are colour-fast at 40°C but not at 60°C. | |
| Soap drawer I II | **Optional functions:** Prewash, Extra Rinse, Economy, Speed Wash, Spin Delay | **Maximum wash load:** 4.5kg (10lb) ** |
| | # Energy usage: 0.3 kWh Water usage: 68 litres | **Wash time:** approximately 1 hour 15 mins. Program includes a fast spin. |

| | | |
|---|---|---|
| 40 | **DELICATES (incorporates Creaseguard)** | |
| Select program 6 | Acrylics, acetates, triacetates including mixtures with wool, polyester/wool blends. | |
| Soap drawer I II | **Optional functions:** Prewash, Extra Rinse, Economy, Speed Wash | **Maximum wash load:** 2.1kg (4.5lb) |
| | # Energy usage: 0.42 kWh Water usage: 50 litres | **Wash time:** approximately 45 minutes. Program includes 500rpm spin. |

| 95 | WHITES * | |
|---|---|---|
| Select program 1 | Cotton or linen articles which are white or colour-fast to boiling. Wash temperature 85°C. | |
| Soap drawer I II | Optional functions: Prewash, Extra Rinse, Economy, Speed Wash, Spin Delay | Maximum wash load: 4.5kg (10lb) ** |
| | # Energy usage: 1.1 kWh Water usage: 68 litres | Wash time: approximately 1 hour 50 mins. Program includes a fast spin. |

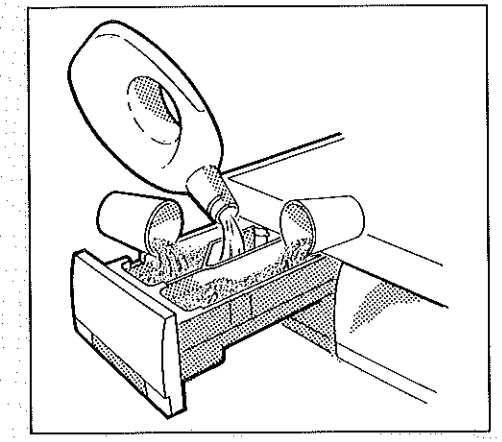
| 60 | FAST COLOUREDS | |
|---|---|---|
| Select program 2 | Cotton, linen or viscose (rayon) articles without special finishes, colour-fast at 60°C. | |
| Soap drawer I II | Optional functions: Prewash, Extra Rinse, Economy, Speed Wash, Spin Delay | Maximum wash load: 4.5kg (10lb) ** |
| | # Energy usage: 0.7 kWh Water usage: 68 litres | Wash time: approximately 1 hour 35 mins. Program includes a fast spin. |

| 60 | WHITE NYLON (incorporates Creaseguard) | |
|---|---|---|
| Select program 3 | White nylon or white polyester cotton. | |
| Soap drawer I II | Optional functions: Prewash, Extra Rinse, Economy, Speed Wash, Spin Delay | Maximum wash load: 2.1kg (4.5lb) |
| | # Energy usage: 0.6 kWh Water usage: 50 litres | Wash time: approximately 1 hour 15 mins. Program includes 500rpm spin. |





## 4 Add detergent and fabric conditioner



Pull out drawer and add right amount of powder and fabric conditioner, as recommended on page 5 of this book.

**DO NOT** put concentrated powder or liquid detergent into the soap drawer.

Gently close the drawer to avoid spilling fabric conditioner.

**DO NOT** put powder into the fabric conditioner compartment.

**DO NOT** fill fabric conditioner compartment above 'MAX' line.

Fabric conditioner could be lost if drawer is opened during the wash.

**Concentrated powder and liquid detergent**

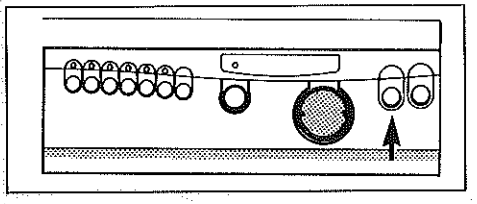
Fill the dispensing device with the correct amount of powder or liquid as recommended on page 5 of this book.

Place the dispensing device upwards on top of the laundry in the drum.

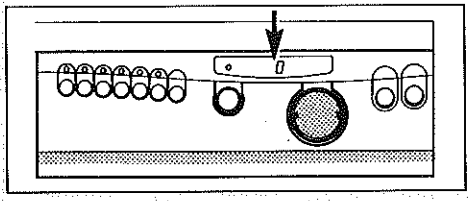
## 5 Switch on the machine

Turn on the water supplies.

Plug into the electricity supply and switch on.

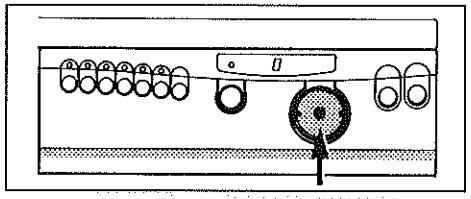


Press the **START** button to switch on the machine.

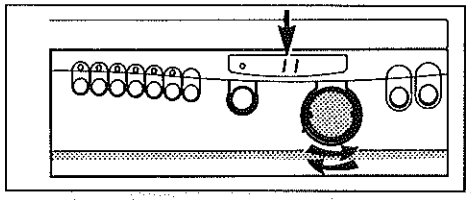


The display will show 0.

## 6 Select the program



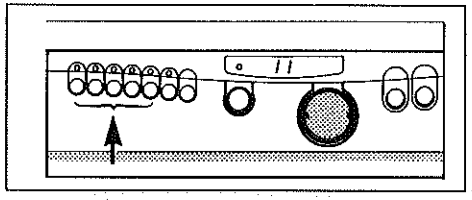
Push on the centre of the program knob and release so that it 'pops' out



Turn the program selector until the number corresponding to the chosen wash program appears on the display. Push the knob back in again.

## 7 Press function buttons

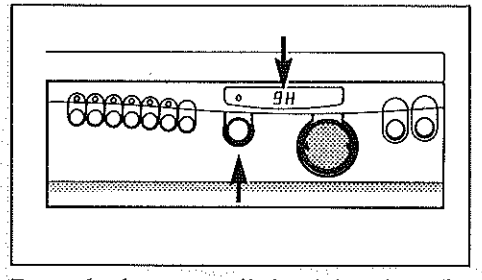
**(if required)**



Refer to the 'Programs' section in this book to see which functions are available with each program.

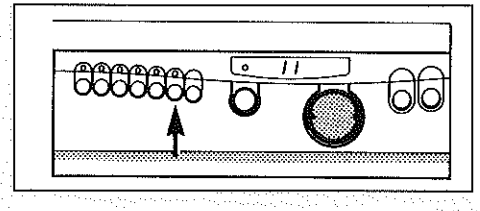
## 8 Set Delay Start

**(if required)**



Press the button until the delay time (in hours) shows on the display - 0H - 9H.

## 9 Start the program



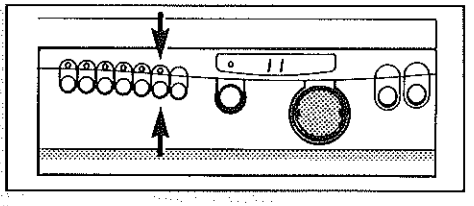
Press the **START** button to start the program. The indicator will light.

If **DELAY START** has been set the indicator above the button will flash and the display will show the delay which has been set. This figure counts down as each hour passes.





## 10 The wash cycle



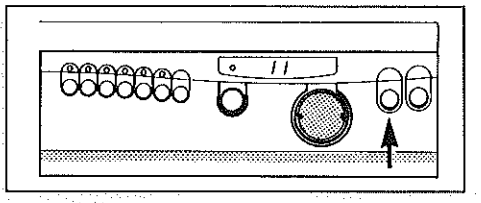
If the program incorporates Creaseguard the machine will stop during the final rinse. The **START** indicator will flash.

Press the **START** button to continue the program. The indicator will stop flashing and stay lit.

At the end of the wash cycle the machine will switch off automatically and the functions are automatically cancelled.

The display shows 0.

## 11 Remove the load



Press and release the **ON/OFF** button to switch the machine off.

As long as there is no water in the drum and it has stopped turning the door may be opened and the load removed.

## 12 Switching off

Turn off the water supplies.

Switch off and remove the plug from the electricity supply.

**These are safety measures to ensure that no harm can occur electrically or by water leakage.**

### Program notes

The Fast spin speed varies according to model and is either 1100rpm, 1200rpm or 1300rpm.

* Modern detergents operate well at low temperatures. Hoover have reduced the temperature of the 'Whites' wash program to 85°C giving the benefit of significant savings in electricity whilst maintaining a good wash performance.

* * Reduce the load to 2.5 kg (5.5lb) for highly absorbent materials, such as towels and nappies.

\# Energy and water usage figures are for a full load with no options selected, using a mixed fill (Hot at 55°C, Cold at 15°C).

If the load becomes out of balance during the spin drying stage the machine will automatically reduce to a safe spin speed.